



\$2183

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Joel S. Emer, Rebecca L. Stamm, Bruce E. Edwards, Matthew H. Reilly, Craig B. Zilles, Tryggve Fossum, Christopher F. Joerg and James E. Hicks, Jr.

Application No.: 09/411,194

Group: 2183

Filed: October 1, 1999

Examiner: Kenneth S. Kim

For: Method and Apparatus to Quiesce a Portion of a Simultaneous Multithreaded Central Processing Unit

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202	
on <u>July 11, 2002</u>	<u>Carol M. Bowerman</u>
Date	Signature
<u>Carol M. Bowerman</u>	
Typed or printed name of person signing certificate	

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JUL 22 2002  
Technology Center 2100

Assistant Commissioner for Patents  
P.O. Box 2327  
Arlington, VA 22202

Sir:

Transmitted herewith is an Amendment for filing in the above-identified application.

- [ ] Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a Small Entity Statement previously submitted.
- [ ] A Small Entity Statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.

The fee has been calculated as shown below:

(COL. 1)		(COL. 2)		(COL. 3)
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA
TOTAL	60	MINUS	* 57	3
INDEP	8	MINUS	** 4	4
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				

- \* not fewer than 20  
\*\* not fewer than 3

SMALL ENTITY	
RATE	ADDIT. FEE
X \$ 9	\$
X \$42	\$
+ \$140	\$

TOTAL = \$ 0

OTHER THAN SMALL ENTITY	
RATE	ADDIT. FEE
X \$18	\$ 54
X \$84	\$ 336
+ \$280	\$ 0

TOTAL = \$ 390

B

Please charge Deposit Account No. 08-0380 for the following fees:

<input type="checkbox"/>	Petition for [ ] month Extension of Time	\$	_____
<input type="checkbox"/>	Amendment Fee	\$	_____
<input type="checkbox"/>	Other Fees:		
		\$	_____
		\$	_____
		TOTAL:	\$ <u>0</u>

A check is enclosed in payment of the following fees:

<input type="checkbox"/>	Petition for [ ] month Extension of Time	\$	_____
<input checked="" type="checkbox"/>	Amendment Fee	\$	<u>390.00</u>
<input type="checkbox"/>	Other Fees:		
		\$	_____
		\$	_____
		TOTAL:	\$ <u>390.00</u>

☒ A general authorization is hereby granted to charge Deposit Account No. 08-0380 for any fees required under 37 C.F.R. 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By G M Bluhm  
Gerald M. Bluhm  
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Concord, Massachusetts 01742-9133

Dated: 7/11/02



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AMENDMENT

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Assistant Commissioner for Patents  
P.O. Box 2327  
Arlington, VA 22202

Sir:

This Amendment is being filed in response to the Office Action mailed from the U.S. Patent and Trademark Office on May 3, 2002 in the above-identified application. Reconsideration and further examination are requested.

Please amend the application as follows:

In the Specification

*Please replace the paragraph at page 4, lines 6 through 10 with the following paragraph:*

One multithreaded computer uses fine-grained multithreading, which is different from SMT, and addresses the synchronization problem with a hardware retry which traps the thread after some number of failures and deschedules it. This is described in "Exploiting

07/19/2002 GWORDDF1 00000061 09411194  
336.00 OP  
54.00 OP  
01 FC:102  
02 FC:103